

OIPE

#2

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/932,161

DATE: 09/06/2001

TIME: 13:36:42

Input Set : A:\Uc4679.txt

Output Set: N:\CRF3\09062001\I932161.raw

**ENTERED**

4 <110> APPLICANT: Civelli, Olivier  
5 Lin, Steven  
7 <120> TITLE OF INVENTION: Screening and Therapeutic Methods For  
8 Promoting Wakefulness and Sleep  
11 <130> FILE REFERENCE: P-UC 4679  
C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/932,161  
C--> 13 <141> CURRENT FILING DATE: 2001-08-17  
13 <150> PRIOR APPLICATION NUMBER: US 09/560,915  
14 <151> PRIOR FILING DATE: 2000-04-28  
16 <160> NUMBER OF SEQ ID NOS: 24  
18 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
20 <210> SEQ ID NO: 1  
21 <211> LENGTH: 29  
22 <212> TYPE: PRT  
23 <213> ORGANISM: Homo Sapien  
25 <400> SEQUENCE: 1  
26 Phe Arg Glu Glu Leu Arg Lys Leu Leu Val Ala Trp Pro Arg Lys Ile  
27 1 5 10 15  
28 Ala Pro His Gly Gln Asn Met Thr Val Ser Val Val Ile  
29 20 25  
32 <210> SEQ ID NO: 2  
33 <211> LENGTH: 29  
34 <212> TYPE: PRT  
35 <213> ORGANISM: Homo Sapien  
37 <400> SEQUENCE: 2  
38 Asn Pro Ser Ser Ser Gln Asn Ser Gln Asn Phe Ala Ala Thr Tyr Lys  
39 1 5 10 15  
40 Glu Gly Tyr Asn Tyr Tyr Gly Ile Glu Ser Val Lys Ile  
41 20 25  
44 <210> SEQ ID NO: 3  
45 <211> LENGTH: 29  
46 <212> TYPE: PRT  
47 <213> ORGANISM: Homo Sapien  
49 <400> SEQUENCE: 3  
50 Phe Lys Pro Ala Pro Ala Thr Asn Thr Gln Asn Tyr Ala Thr Tyr Arg  
51 1 5 10 15  
52 Glu Gly Tyr Asn Val Tyr Gly Thr Glu Ser Val Lys Ile  
53 20 25  
56 <210> SEQ ID NO: 4  
57 <211> LENGTH: 12  
58 <212> TYPE: PRT  
59 <213> ORGANISM: Homo Sapien  
61 <400> SEQUENCE: 4  
62 Pro His Gly Gln Asn Met Thr Val Ser Val Val Ile  
63 1 5 10  
66 <210> SEQ ID NO: 5  
67 <211> LENGTH: 6

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68 <212> TYPE: PRT  
69 <213> ORGANISM: Artificial Sequence  
71 <220> FEATURE:  
72 <223> OTHER INFORMATION: human GPR10 variant  
74 <400> SEQUENCE: 5  
75 Pro His Gly Gln Asn Met  
76 1 5  
79 <210> SEQ ID NO: 6  
80 <211> LENGTH: 12  
81 <212> TYPE: PRT  
82 <213> ORGANISM: Artificial Sequence  
84 <220> FEATURE:  
85 <223> OTHER INFORMATION: human GPR10 variant  
87 <400> SEQUENCE: 6  
88 Pro His Gly Gln Asn Met Thr Val Pro Arg Pro Ala  
89 1 5 10  
92 <210> SEQ ID NO: 7  
93 <211> LENGTH: 12  
94 <212> TYPE: PRT  
95 <213> ORGANISM: Artificial Sequence  
97 <220> FEATURE:  
98 <223> OTHER INFORMATION: human GPR10 variant  
100 <400> SEQUENCE: 7  
101 Pro His Gly Gln Asn Met Ala Val Ser Val Val Ile  
102 1 5 10  
105 <210> SEQ ID NO: 8  
106 <211> LENGTH: 12  
107 <212> TYPE: PRT  
108 <213> ORGANISM: Artificial Sequence  
110 <220> FEATURE:  
111 <223> OTHER INFORMATION: human GPR10 variant  
113 <400> SEQUENCE: 8  
114 Pro His Gly Gln Asn Met Thr Ala Ser Val Val Ile  
115 1 5 10  
118 <210> SEQ ID NO: 9  
119 <211> LENGTH: 12  
120 <212> TYPE: PRT  
121 <213> ORGANISM: Artificial Sequence  
123 <220> FEATURE:  
124 <223> OTHER INFORMATION: human GPR10 variant  
126 <400> SEQUENCE: 9  
127 Pro His Gly Gln Asn Met Thr Val Ala Val Val Ile  
128 1 5 10  
131 <210> SEQ ID NO: 10  
132 <211> LENGTH: 12  
133 <212> TYPE: PRT  
134 <213> ORGANISM: Artificial Sequence  
136 <220> FEATURE:  
137 <223> OTHER INFORMATION: human GPR10 variant

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139 <400> SEQUENCE: 10
140 Pro His Gly Gln Asn Met Thr Val Ser Ala Val Ile
141 1 5 10
144 <210> SEQ ID NO: 11
145 <211> LENGTH: 12
146 <212> TYPE: PRT
147 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: human GPR10 variant
152 <400> SEQUENCE: 11
153 Pro His Gly Gln Asn Met Thr Val Ser Val Ala Ile
154 1 5 10
157 <210> SEQ ID NO: 12
158 <211> LENGTH: 12
159 <212> TYPE: PRT
160 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
163 <223> OTHER INFORMATION: human GPR10 variant
165 <400> SEQUENCE: 12
166 Pro His Gly Gln Asn Met Thr Val Ser Val Val Ala
167 1 5 10
170 <210> SEQ ID NO: 13
171 <211> LENGTH: 31
172 <212> TYPE: PRT
173 <213> ORGANISM: Bos taurus
175 <400> SEQUENCE: 13
176 Ser Arg Ala His Gln His Ser Met Glu Ile Arg Thr Pro Asp Ile Asn
177 1 5 10 15
178 Pro Ala Trp Tyr Ala Gly Arg Gly Ile Arg Pro Val Gly Arg Phe
179 20 25 30
182 <210> SEQ ID NO: 14
183 <211> LENGTH: 31
184 <212> TYPE: PRT
185 <213> ORGANISM: Rattus
187 <400> SEQUENCE: 14
188 Ser Arg Ala His Gln His Ser Met Glu Thr Arg Thr Pro Asp Ile Asn
189 1 5 10 15
190 Pro Ala Trp Tyr Thr Gly Arg Gly Ile Arg Pro Val Gly Arg Phe
191 20 25 30
194 <210> SEQ ID NO: 15
195 <211> LENGTH: 31
196 <212> TYPE: PRT
197 <213> ORGANISM: Homo Sapien
199 <400> SEQUENCE: 15
200 Ser Arg Thr His Arg His Ser Met Glu Ile Arg Thr Pro Asp Ile Asn
201 1 5 10 15
202 Pro Ala Trp Tyr Ala Ser Arg Gly Ile Arg Pro Val Gly Arg Phe
203 20 25 30
206 <210> SEQ ID NO: 16

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207 <211> LENGTH: 20  
 208 <212> TYPE: PRT  
 209 <213> ORGANISM: Bos taurus  
 211 <400> SEQUENCE: 16  
 212 Thr Pro Asp Ile Asn Pro Ala Trp Tyr Ala Gly Arg Gly Ile Arg Pro  
 213 1 5 10 15  
 214 Val Gly Arg Phe  
 215 20  
 218 <210> SEQ ID NO: 17  
 219 <211> LENGTH: 20  
 220 <212> TYPE: PRT  
 221 <213> ORGANISM: Rattus  
 223 <400> SEQUENCE: 17  
 224 Thr Pro Asp Ile Asn Pro Ala Trp Tyr Thr Gly Arg Gly Ile Arg Pro  
 225 1 5 10 15  
 226 Val Gly Arg Phe  
 227 20  
 230 <210> SEQ ID NO: 18  
 231 <211> LENGTH: 20  
 232 <212> TYPE: PRT  
 233 <213> ORGANISM: Homo Sapien  
 235 <400> SEQUENCE: 18  
 236 Thr Pro Asp Ile Asn Pro Ala Trp Tyr Ala Ser Arg Gly Ile Arg Pro  
 237 1 5 10 15  
 238 Val Gly Arg Phe  
 239 20  
 242 <210> SEQ ID NO: 19  
 243 <211> LENGTH: 7  
 244 <212> TYPE: PRT  
 245 <213> ORGANISM: Artificial Sequence  
 247 <220> FEATURE:  
 248 <223> OTHER INFORMATION: human PrRP variant  
 250 <221> NAME/KEY: VARIANT  
 251 <222> LOCATION: (1)...(7)  
 252 <223> OTHER INFORMATION: Xaa = Any Amino Acid  
 254 <400> SEQUENCE: 19  
 255 Xaa Arg Pro Val Gly Arg Phe  
 256 1 5  
 259 <210> SEQ ID NO: 20  
 260 <211> LENGTH: 7  
 261 <212> TYPE: PRT  
 262 <213> ORGANISM: Artificial Sequence  
 264 <220> FEATURE:  
 265 <223> OTHER INFORMATION: human PrRP variant  
 267 <221> NAME/KEY: VARIANT  
 268 <222> LOCATION: (1)...(7)  
 269 <223> OTHER INFORMATION: Xaa = Any Amino Acid  
 271 <400> SEQUENCE: 20  
 272 Ile Arg Xaa Val Gly Arg Phe

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Input Set : A:\Uc4679.txt

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276 <210> SEQ ID NO: 21  
277 <211> LENGTH: 7  
278 <212> TYPE: PRT  
279 <213> ORGANISM: Artificial Sequence  
281 <220> FEATURE:  
282 <223> OTHER INFORMATION: human PrRP variant  
284 <221> NAME/KEY: VARIANT  
285 <222> LOCATION: (1)...(7)  
286 <223> OTHER INFORMATION: Xaa = Any Amino Acid  
288 <400> SEQUENCE: 21  
OK> 289 Ile Arg Pro Xaa Gly Arg Phe  
290 1 5  
293 <210> SEQ ID NO: 22  
294 <211> LENGTH: 7  
295 <212> TYPE: PRT  
296 <213> ORGANISM: Artificial Sequence  
298 <220> FEATURE:  
299 <223> OTHER INFORMATION: human PrRP variant  
301 <221> NAME/KEY: VARIANT  
302 <222> LOCATION: (1)...(7)  
303 <223> OTHER INFORMATION: Xaa = Any Amino Acid  
OK> 305 <400> SEQUENCE: 22  
OK> 306 Ile Arg Pro Val Gly Arg Xaa  
307 1 5  
310 <210> SEQ ID NO: 23  
311 <211> LENGTH: 7  
312 <212> TYPE: PRT  
313 <213> ORGANISM: Homo Sapien  
315 <400> SEQUENCE: 23  
316 Ile Arg Pro Val Gly Arg Phe  
317 1 5  
320 <210> SEQ ID NO: 24  
321 <211> LENGTH: 4  
322 <212> TYPE: PRT  
323 <213> ORGANISM: Homo Sapien  
325 <400> SEQUENCE: 24  
326 Ser Val Val Ile  
327 1

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/932,161

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Input Set : A:\Uc4679.txt

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L:13 M:270 C: Current Application Number differs, Replaced Current Application No

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:255 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19

L:272 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20

L:289 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21

L:306 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22